

DUAL MODE LASER PROJECTION SYSTEM FOR ELECTRONIC AND FILM IMAGES

ABSTRACT OF THE DISCLOSURE

A dual mode laser projection system having a film mode and an electronic mode that can be used to project an image onto a screen. In the film mode an image is projected by illuminating film with lasers, and in the electronic mode an image is created by modulation of with lasers with data to project an electronic image. The laser source may comprise a plurality of lasers each providing a different color, such as red, green, and blue. Laser-CRTs may be used. In some embodiments the laser source is synchronized with the film aperture so that the laser source is modulated to illuminate the film aperture only while a frame of the film is stopped. In some embodiments the color temperature of the light illuminating the film can be selected by increasing and/or decreasing the relative light intensity contribution of each of the lasers.